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## **ADDENDUM NO. 1**

**DATE: JUNE 20, 2019**  
**TO: ALL PLAN HOLDERS OF THE:**  
**TENNANT AVENUE SEWER MAIN PROJECT**  
**FROM: DAVID GITTLESON – CITY OF MORGAN HILL dg**  
**SUBJECT: ADDITIONS/CHANGES**

### **UNDER "SPECIFICATIONS"**

#### **1. (General Conditions, 4.3 Section A-1 Commercial General Liability Insurance)**

**REPLACE:**

in Section A1 – Commercial General Liability – as follows, “(i) two million dollars (\$2,000,000.00) combined single limit each occurrence and either a general aggregate limit of four million dollars (\$4,000,000.00) or a general aggregate limit of two million dollars (\$2,000,000.00) as applied on a “per project” or “per location” basis . . .”

**WITH:**

“(i) three million dollars (\$3,000,000.00) combined single limit each occurrence and either a general aggregate limit of four million dollars (\$4,000,000.00) or a general aggregate limit of three million dollars (\$3,000,000.00) as applied on a “per project” or “per location” basis . . .”

#### **2. (General Conditions, 4.3 Section A-5 Pollution (Environmental) Liability)**

**REPLACE:**

“if” in first sentence

**WITH:**

“because”

#### **3. DELETE “General Conditions, 4.3 Section A-6 Professional Liability” IN ITS ENTIRETY.**

## **UNDER "TECHNICAL SPECIFICATIONS"**

### **4. (Section 03 34 00-Backfill Grout for Trenchless Carrier Pipe)**

#### **REPLACE:**

"Backfill Grout for Trenchless Carrier Pipe" in the title.

#### **WITH:**

"Backfill Grout"

#### **REPLACE:**

"1.1 A. This section specifies minimum requirements for the cellular grout used to backfill the annular space between a carrier pipe and a casing installed by trenchless methods and for abandonment of existing facilities as required by the Contract Documents."

#### **WITH:**

"1.1 A. This section specifies minimum requirements for the cellular grout used as backfill for abandonment of existing facilities as required by the Contract Documents. See Section 33 05 07.23 Horizontal Auger boring for material used to backfill the annular space between a carrier pipe and a casing installed by trenchless methods."

#### **REPLACE:**

"1.1 C.2 Section 33 05 31.14, Fusible Polyvinyl Chloride Pipe"

#### **WITH:**

"1.1. C.2 Section 02 41 00, Demolition, Abandonment, and Removal"

#### **DELETE:**

"1.1 C.3 Section 33 05 07.24, Steel Casing Pipe"

"1.1. C.4 Section 33 05 07.23, Horizontal Auger Boring"

#### **DELETE:**

"3.2 CARRIER PIPE BACKFILL"

### **5. (Section 33 05 07.23-Horizontal Auger Boring):**

#### **REPLACE:**

"1.1 A. The work of this section includes all labor, machinery, material, construction equipment and appurtenances required to perform in a good workman-like manner all horizontal auger boring (HAB) of the pipeline casings at designated locations and the installation of the carrier pipe within the casing."

#### **WITH:**

"1.1 A. The work of this section includes all labor, machinery, material, construction equipment and appurtenances required to perform in a good workman-like manner all horizontal auger boring (HAB) of the pipeline casings at designated locations and the

installation of the carrier pipe within the casing, ***including material and associated requirements to backfill annular space between casing pipe and carrier pipe.***

**REPLACE:**

"1.1 B.2 Section 03 34 00, Backfill Grout for Trenchless Carrier Pipe"

**WITH:**

"1.1 B.2 Section 03 34 00, Backfill Grout"

**ADD** the following to Part 1.1 C:

"37. Gunite Sand: Pneumatically placed sandy material used to backfill the annular space between a carrier pipe and a casing installed by trenchless methods."

**ADD** the following to 1.1 D:

"2. Gunite Sand shall not contain cementitious materials."

**REPLACE:**

"1.2 B. Product Data: (NOT USED)"

**WITH:**

"B. Product Data

1. Mix design for Gunite Sand."

**ADD** the following to Part 1.2 D:

"8. Method statement and proposed equipment for placement of Gunite Sand backfill material between casing and carrier pipe."

**ADD** the following to Part 1.2 E 4:

"d. Provide records of placed volume of Gunite Sand by lift and reach."

**ADD** the following to Part 1.3 A:

"6. Greenbook Standard Specifications for Public Works Construction"

**REPLACE**

"2.1 I. Backfill Grout: Shall conform to Section 03 34 00."

**WITH:**

"2.1 I. Backfill Grout shall be Gunite Sand conforming to the requirements of the "Greenbook Standard Specifications for Public Works Construction".

**ADD** the following:

"Part 3.2 F Backfill of Carrier Pipe:

1. Annular space between carrier pipe and casing pipe shall be backfilled with Gunite Sand in conformance with the requirements of the "Greenbook Standard Specifications for Public Works Construction".

**6. (Section 33 05 31.14-Fusible Polyvinyl Chloride Sewer Pipe)**

**REPLACE:**

"1.2 B.2 SECTION 03 34 00, Backfill Grout for Trenchless Carrier Pipe"

**WITH:**

"1.2 B.2 NOT USED."

**ADD:**

"2.1 G. Fusible polyvinyl chloride (FPVC) pipe shall be C-905, Dimension Ratio (DR) 21."

**REPLACE:**

"2.4 B Where installed, casing and pipe support shall be shown per the Contract Documents and backfill grout shall conform to Section 03 34 00, Backfill Grout for Trenchless Carrier Pipe. Casing spacers shall conform as required per the Contract Documents."

**WITH:**

"2.4 B Where installed, casing and pipe support shall be shown per the Contract Documents and backfill material shall conform to 33 05 07.23, Horizontal Auger Boring. Casing spacers shall conform as required per the Contract Documents."

**7. (Appendix)**

**ADD:**

"Appendix D, Utility Pothole Data, Potholing Report, prepared by Exaro Technologies."

**ADD:** Attached table.

**REFERENCE MATERIAL**

**8. (Geotechnical Investigation)**

**The Geotechnical Investigation prepared by Cornerstone Earth Group, dated July 9, 2018 is available on Public Purchase.**

**ADDENDUM ACKNOWLEDGMENT**

Bidder acknowledges receipt of this addendum, which shall be attached to the proposal.

\_\_\_\_\_  
Contractor's Representative

\_\_\_\_\_  
Date

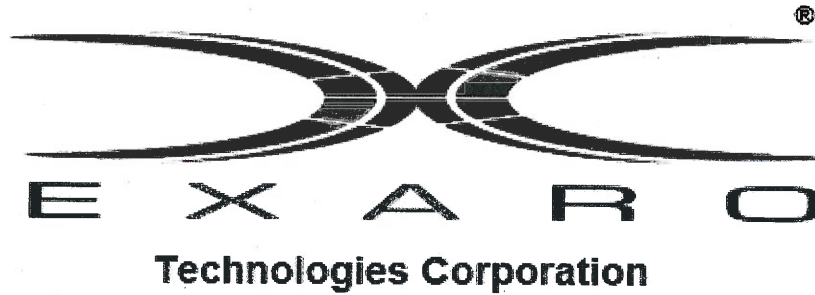
**THIS DOCUMENT AND ATTACHMENTS SHALL BECOME PART OF THE  
PROJECTS SPECIFICATION**

# **Appendix D**

## **Utility Pothole Data**

### **Potholing Report**

**Prepared by Exaro Technologies**



**Mott MacDonald - Renee Crawford  
Potholing Report**

11/26/2018

11/27/2018

**EXARO Technologies Corporation**

1831 Bayshore Highway

Burlingame, California

Mario Lopez

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Date:	11/26/2018
Prepared For:	Mott MacDonald - Renee Crawford
Project #:	18-1095
Location:	Morgan Hill

PH #	Street	Cut Size	Asph	Conc.	Soil	Utility	Utility Size	Material	Depth	Location Refer
5	Tennant Ave. & Railroad Ave.	1' x 1'	6"		Hard dirt	Sanitary Sewer			Dry Hole	Dry Hole, Cleared located 92" South Island.
4	Tennant Ave. & Railroad Ave.	1' x 1'	6"		Hard dirt	Gas (High Pressure)	3"	Steel	47"	137" North from Island Valve.
2	Tennant Ave. & Railroad Ave.	1' x 1'	6"		Hard dirt	Fiber Optics - MCI (Joint Trench)	6"	Conduit	68"	68" North from Island Curb. Mis-Marked
										Note: 1) PH#3 Deleted 2) PH#1 NO Gas
Foreman	Ruben Guzman			Add'l Crew/Flagger				Standby Rep		
Technician	Carlos Arroyo			Add'l Crew/Flagger				Client Rep		
Timesheet	Date	Start/End	Hours	OT	Night Stay	Check		Check		Additional Equipment/Material
Monday	11/26/2018	7:30AM/ 2:30PM	8		YES	Arrow Board	<input checked="" type="checkbox"/>	Electronic Detector	<input checked="" type="checkbox"/>	Locators, Sand, Plate Covers
Tuesday		/				Cold patch	<input type="checkbox"/>	GPR	<input type="checkbox"/>	
Wednesday		/				Class II	<input type="checkbox"/>	Pk nails & shiners	<input checked="" type="checkbox"/>	
Thursday		/				Hotmix Asphlt	<input type="checkbox"/>	Vibra-plate	<input type="checkbox"/>	Field Changes or Special Re
Friday		/				CDF/slurry	<input type="checkbox"/>	Flat bed	<input type="checkbox"/>	
Saturday		/				Ready-mix conc	<input type="checkbox"/>	Pick-up truck #	<input type="checkbox"/>	
Sunday		/				Cutback	<input checked="" type="checkbox"/>	Vac rig #7	<input checked="" type="checkbox"/>	Client Representative Signature:



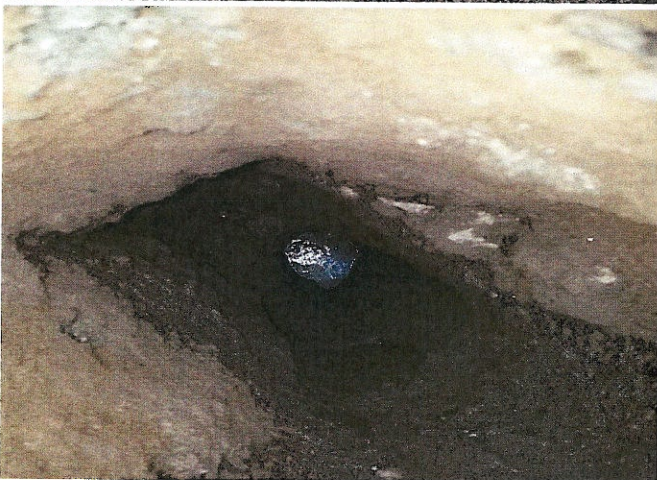
Subsurface Utility Report	
Client	Mott MacDonald - Renee Crawford
Project #	18-1095
City	Morgan Hill
Date	11/26/2018



Pothole # 5

Street: Tennant Ave. & Railroad Ave.

Cut Size: 1' x 1'		<b>Location:</b> Dry Hole, Cleared 72" and Probed down to 120". Pothole is located 92" South from Island Curb. 182" East from End of Island.
<b>Asphalt:</b> 6" <b>Concrete:</b> <b>Depth:</b> Dry Hole <b>Utility:</b> Sanitary Sewer <b>Size:</b> <b>Material:</b> <b>Soil:</b> Hard dirt	<b>Notes:</b>	





Subsurface Utility Report	
Client	Mott MacDonald - Renee Crawford
Project #	18-1095
City	Morgan Hill
Date	11/26/2018



Pothole # 4

Street: Tennant Ave. & Railroad Ave.

Cut Size: 1' x 1'		<b>Location:</b> 137" North from Island Face of Curb. 104" East from Water Valve.
<b>Asphalt:</b> 6" <b>Concrete:</b> <b>Depth:</b> 47" <b>Utility:</b> Gas (High Pressure) <b>Size:</b> 3" <b>Material:</b> Steel <b>Soil:</b> Hard dirt	<b>Notes:</b>	



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Subsurface Utility Report	
Client	Mott MacDonald - Renee Crawford
Project #	18-1095
City	Morgan Hill
Date	11/26/2018



Pothole # 2

Street: Tennant Ave. & Railroad Ave.

Cut Size: 1' x 1'		Location:
Asphalt:	6"	68" North from Island Face of Curb. 71" West from Concrete Rail Curb. Mis-Marked #3 on the Ground, this is location #2.
Concrete:		
Depth:	68"	Notes:
Utility:	Fiber Optics - MCI (Joint Trench)	
Size:	6"	
Material:	Conduit	
Soil:	Hard dirt	



Date:	11/27/2018
Prepared For:	Mott MacDonald - Renee Crawford
Project #:	18-1095
Location:	Morgan Hill

PH #	Street	Cut Size	Asph	Conc.	Soil	Utility	Utility Size	Material	Depth	Location Refer
										Slurried Potholes
Foreman	Ruben Guzman			Addt'l Crew/Flagger			Standby Rep			
Technician	Carlos Arroyo			Addt'l Crew/Flagger			Client Rep			
Timesheet	Date	Start/End	Hours	OT	Night Stay	Check	Check	Additional Equipment/Materi		
Monday		/				Arrow Board <input checked="" type="checkbox"/>	Electronic Detector <input checked="" type="checkbox"/>			
Tuesday	11/27/2018	8:00AM/ 2:30PM	8			Cold patch <input type="checkbox"/>	GPR <input type="checkbox"/>			
Wednesday		/				Class II <input type="checkbox"/>	PK nails & shiners <input checked="" type="checkbox"/>			
Thursday		/				Hotmix Asph <input type="checkbox"/>	Vibra-plate <input type="checkbox"/>	Field Changes or Special Re		
Friday		/				CDF/slurry <input type="checkbox"/>	Flat bed <input type="checkbox"/>			
Saturday		/				Ready-mix conc <input type="checkbox"/>	Pick-up truck # <input type="checkbox"/>			
Sunday		/				Cutback <input checked="" type="checkbox"/>	Vac rig #7 <input checked="" type="checkbox"/>	Client Representative Signature:		